



June 2008

DEPARTMENT OF EDUCATION
2007–2008 School Year Reports

Dear School Board Members and School Personnel:

The Maine Educational Assessment (MEA) is the State's measure of student progress in achieving the State standards known as *Learning Results*, adopted by the Maine Legislature in 1997. These *Learning Results* established goals for what all students should know and be able to do at certain times in their school careers and are the basis for Grade Level/Span Expectations, which describe the assessment standards for each grade. The MEA is administered to students in all grades 3 through 8 to meet state assessment requirements and the requirements of the federal *No Child Left Behind Act*.

The 2007-2008 MEA summary reports contain the results of student achievement in reading and mathematics at all grades, science and technology at grades 4 and 8, and writing at grade 5 based on achievement standards set in 2006 and disaggregated by student and school characteristics. This report, together with MEA individual student and subject-specific class analysis reports, provides support for use in program evaluation and planning.

MEA results reflect scores based on test questions that are taken in common by the approximately 15,000 students in each grade level. Students' scores in each content area are based on answers to a combination of multiple-choice questions and questions that require students to construct an answer. The grade 5 writing reports provide information on a student's ability to respond to a prompt measuring narrative writing. More information about the design of the MEA is available at www.maine.gov/education/mea/index.htm.

I look forward to working with you in support of our continued efforts to improve the quality and effectiveness of the instructional opportunities designed to help all students achieve the high standards of the *Learning Results* and demonstrate that achievement through performance on the Maine Educational Assessment.

Sincerely,

Susan A. Gendron
Commissioner of Education



School Report Grade 7

Test Date: March 2008
Code: 10361217
SAU: Chelsea School Department
School: Chelsea Elementary School

Contents of the Report

The report is divided into two main sections including a section describing the students tested and a separate section for the results in each content area.

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SUMMARY OF SCORES

Test Date: March 2008

Grade: 7

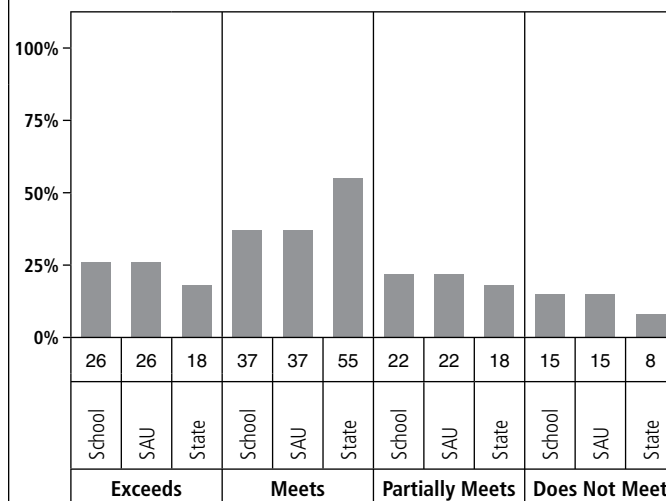
SAU: Chelsea School Department

School: Chelsea Elementary School

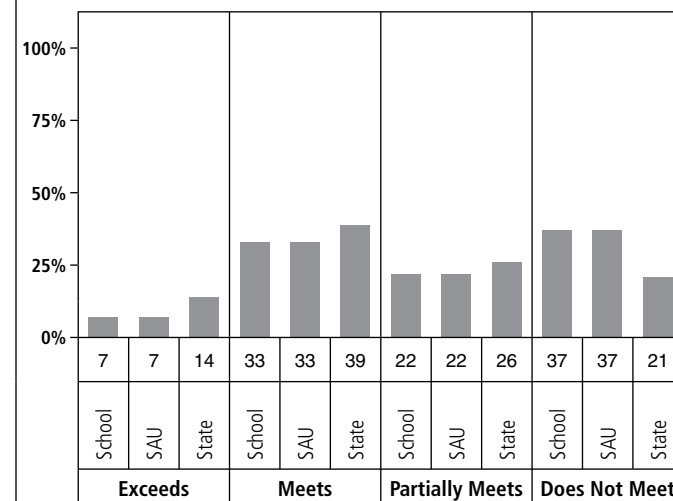
Summary of School, SAU, and State Scores

Year	Average Scaled Score		
	School	SAU	State
ELA – Reading			
2005–2006	749	748	745
2006–2007	744	744	748
2007–2008	747	747	750
Cum. Avg. *	746	746	748
Mathematics			
2005–2006	736	735	740
2006–2007	733	733	742
2007–2008	736	736	743
Cum. Avg. *	735	735	742

ELA – READING



MATHEMATICS



*Cumulative averages are weighted, i.e., the scaled scores are averaged proportionally based on the numbers of students in each year.

SUMMARY OF STUDENT PARTICIPATION

Test Date: March 2008

Grade: 7

SAU: Chelsea School Department

School: Chelsea Elementary School

CATEGORY OF PARTICIPATION	Enrollment ¹ during testing window						CONTENT AREA PARTICIPATION ²																	
							ELA-Reading						Mathematics											
	School		SAU		State		School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Total number of students	29	100	29	100	14818	100	27	93	27	93	14698	99	27	93	27	93	14694	99						
Ethnicity African American/Black	0	0	0	0	381	3	0	0	0	0	372	98	0	0	0	0	375	99						
American Indian or Native Alaskan	0	0	0	0	113	1	0	0	0	0	112	99	0	0	0	0	112	99						
Asian or Pacific Islander	0	0	0	0	219	1	0	0	0	0	213	97	0	0	0	0	217	99						
Hispanic	0	0	0	0	178	1	0	0	0	0	176	99	0	0	0	0	177	100						
Caucasian/White	29	100	29	100	13927	94	27	93	27	93	13825	99	27	93	27	93	13813	99						
Not Reported	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
Identified disability	7	24	7	24	2556	17	6	86	6	86	2508	99	6	86	6	86	2497	98						
Current LEP	0	0	0	0	363	2	0	0	0	0	352	97	0	0	0	0	360	99						
Economically disadvantaged	11	38	11	38	5461	37	10	91	10	91	5408	99	10	91	10	91	5406	99						
Migrant	0	0	0	0	1	0	0	0	0	0	1	100	0	0	0	0	1	100						

MODE OF PARTICIPATION ³	ELA-Reading						Mathematics											
	School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Participation without accommodations	22	76	22	76	12195	82	22	76	22	76	12215	82						
Identified disability (PET/IEP)	1	5	1	5	418	3	1	5	1	5	421	3						
LEP	0	0	0	0	183	2	0	0	0	0	183	1						
504 plan	0	0	0	0	181	1	0	0	0	0	182	1						
Participation with accommodations	5	17	5	17	2320	16	5	17	5	17	2303	16						
Identified disability (PET/IEP)	5	100	5	100	1912	82	5	100	5	100	1900	83						
LEP	0	0	0	0	159	7	0	0	0	0	173	8						
504 plan	0	0	0	0	56	2	0	0	0	0	55	2						
Other	0	0	0	0	244	11	0	0	0	0	226	10						
Participation through alternate assessment (PAAP)	0	0	0	0	178	1	0	0	0	0	176	1						
Identified disability (PET/IEP)	0	0	0	0	178	100	0	0	0	0	176	100						
LEP	0	0	0	0	5	3	0	0	0	0	4	2						
504 plan	0	0	0	0	0	0	0	0	0	0	0	0						
Approved non-participation in reading – 1st year LEP	0	0	0	0	5	0												
Approved non-participation – special consideration	0	0	0	0	27	0	0	0	0	0	28	0						
Non-participation – other	2	7	2	7	93	1	2	7	2	7	96	1						

¹ Percents are the percentage of students enrolled in each participation category.

² Percents are the percentage of students, including those who participated through alternate assessment (PAAP), who participated in the content area.

³ Percents are the percentage of students in each content area by mode.

ELA–READING RESULTS

Test Date:	March 2008
Grade:	7
SAU:	Chelsea School Department
School:	Chelsea Elementary School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing in-depth inferences, analyzing texts for subtle clues, synthesizing information across texts, and using his/her knowledge of text features and literary devices to make deeper connections within or across texts to increase comprehension. (scaled score 761–780)	2005-2006	4	15	4	14	1769	11
	2006-2007	6	18	6	18	2630	18
	2007-2008	7	26	7	26	2604	18
	Cum. Total*	17	20	17	19	7003	16
Meets the Standards – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing inferences, summarizing main ideas and providing supporting details, connecting ideas within and across texts, and using his/her knowledge of text features and literary devices to increase comprehension. (scaled score 741–760)	2005-2006	12	46	13	45	7521	49
	2006-2007	16	47	16	47	7605	51
	2007-2008	10	37	10	37	8049	55
	Cum. Total*	38	44	39	43	23175	52
Partially Meets the Standards – The student’s work demonstrates an inconsistent ability to read and interpret literary and informational texts appropriate for the grade level. The student’s ability to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, and use his/her knowledge of text features and literary devices varies depending on the texts. (scaled score 729–740)	2005-2006	8	31	10	34	3773	24
	2006-2007	3	9	3	9	3000	20
	2007-2008	6	22	6	22	2672	18
	Cum. Total*	17	20	19	21	9445	21
Does Not Meet the Standards – The student’s work demonstrates a limited ability to read and interpret literary and informational texts appropriate for the grade level. The student’s responses are often vague or incorrect leaving the impression that the student found it difficult to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, or use his/her knowledge of text features and literary devices to support comprehension. (scaled score 700–728)	2005-2006	2	8	2	7	2399	16
	2006-2007	9	26	9	26	1620	11
	2007-2008	4	15	4	15	1190	8
	Cum. Total*	15	17	15	17	5209	12

Learning Results Content Standard Cluster	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Total Reading Cluster	56	100	33.5	59.8	33.5	59.8	35.3	63.0
Literary Text	28	50	16.9	60.4	16.9	60.4	17.3	61.8
Informational Text	28	50	16.6	59.3	16.6	59.3	18.0	64.3

The Maine *Learning Results* reading cluster includes Content Standards A (Process of Reading), B (Literature and Culture), and D (Informational Texts). The MEA assesses students’ reading skills based on questions related to two types of reading passages: literary and informational. Passages include both long and short texts, selected from developmentally appropriate works. Items on the MEA measure Grade Level Expectations, based on Maine’s 1997 *Learning Results*, which can be found at <http://www.maine.gov/education/lsalt/gles.htm>.

ELA-READING RESULTS

(CONTINUED)

Test Date: March 2008
 Grade: 7
 SAU: Chelsea School Department
 School: Chelsea Elementary School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	27	7	26	10	37	6	22	4	15	747	27	26	37	22	15	747	14515	18	55	18	8	750
Ethnicity																						
African American/Black	0										0						365	10	49	19	22	742
American Indian or Native Alaskan	0										0						110	6	52	24	18	744
Asian or Pacific Islander	0										0						211	26	47	20	6	752
Hispanic	0										0						173	12	54	18	15	746
Caucasian/White	27	7	26	10	37	6	22	4	15	747	27	26	37	22	15	747	13656	18	56	18	8	750
Not Reported	0										0						0					
Identified disability																						
Yes	6	0	0	1	17	2	33	3	50	726	6	0	17	33	50	726	2330	2	30	36	32	735
No	21	7	33	9	43	4	19	1	5	754	21	33	43	19	5	754	12185	21	60	15	4	753
Current LEP																						
Yes	0										0						342	8	46	22	24	741
No	27	7	26	10	37	6	22	4	15	747	27	26	37	22	15	747	14173	18	56	18	8	750
Economically disadvantaged																						
Yes	10	0	0	5	50	2	20	3	30	736	10	0	50	20	30	736	5299	9	51	26	14	745
No	17	7	41	5	29	4	24	1	6	754	17	41	29	24	6	754	9216	23	58	14	5	753
Migrant																						
Yes	0										0						1					
No	27	7	26	10	37	6	22	4	15	747	27	26	37	22	15	747	14514	18	55	18	8	750
Gender																						
Female	13	4	31	6	46	2	15	1	8	753	13	31	46	15	8	753	7084	24	55	15	6	752
Male	14	3	21	4	29	4	29	3	21	742	14	21	29	29	21	742	7431	12	56	21	11	747
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	6	1	17	2	33	3	50	0	0	744	6	17	33	50	0	744	946	6	47	34	12	743
No	21	6	29	8	38	3	14	4	19	748	21	29	38	14	19	748	13569	19	56	17	8	750
Gifted/talented program																						
Yes	0										0						574	61	38	1	0	765
No	27	7	26	10	37	6	22	4	15	747	27	26	37	22	15	747	13941	16	56	19	9	749

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

ELA–READING RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2008

Grade: 7

SAU: Chelsea School Department

School: Chelsea Elementary School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E		M		P		D		Mean Scaled Score		
		%	N	%	N	%	N	%	N			%	%	%	%	%	%	%	%			
How much homework do you do on school nights?																						
A. none	7	0	0	0	0	1	50	1	50	727	7	0	0	50	50	727	6	9	42	24	25	741
B. less than one hour	37	1	10	5	50	3	30	1	10	746	37	10	50	30	10	746	50	17	56	19	8	750
C. one to two hours	48	5	38	4	31	2	15	2	15	748	48	38	31	15	15	748	40	20	58	16	6	752
D. more than two hours	7	1	50	1	50	0	0	0	0	766	7	50	50	0	0	766	4	19	49	21	11	749
How well do the questions that you have just been given on this MEA test match what you have learned in school about reading?																						
A. The questions on the test match what I have learned in reading class.	56	5	33	6	40	4	27	0	0	753	56	33	40	27	0	753	36	24	58	14	5	753
B. They match some of what I have learned.	37	2	20	3	30	2	20	3	30	742	37	20	30	20	30	742	50	16	58	19	8	749
C. They match just a little of what I have learned.	7	0	0	1	50	0	0	1	50	731	7	0	50	0	50	731	11	13	45	26	16	745
D. There is no match.	0										0						3	4	35	29	31	737
Which of the following best describes how you rate yourself as a student in reading?																						
A. very good	37	3	30	6	60	1	10	0	0	758	37	30	60	10	0	758	28	35	52	9	5	756
B. good	44	3	25	4	33	3	25	2	17	744	44	25	33	25	17	744	52	15	60	18	7	750
C. fair	15	1	25	0	0	2	50	1	25	738	15	25	0	50	25	738	18	3	49	33	15	742
D. poor	4	0	0	0	0	0	0	1	100	722	4	0	0	0	100	722	2	2	41	28	29	738
How difficult was the reading part of this test?																						
A. harder than my regular schoolwork	19	1	20	1	20	0	0	3	60	734	19	20	20	0	60	734	16	13	48	23	16	745
B. about the same as my regular schoolwork	63	5	29	7	41	4	24	1	6	750	63	29	41	24	6	750	65	18	57	18	7	750
C. easier than my regular schoolwork	19	1	20	2	40	2	40	0	0	752	19	20	40	40	0	752	19	21	57	16	6	752
How difficult were the reading passages on this test?																						
A. Most of the passages were more difficult than what I normally read.	11	0	0	1	33	1	33	1	33	734	11	0	33	33	33	734	9	5	38	29	28	738
B. Most of the passages were about the same as what I normally read.	48	3	23	4	31	4	31	2	15	743	48	23	31	31	15	743	55	14	57	22	7	748
C. Most of the passages were easier than what I normally read.	41	4	36	5	45	1	9	1	9	756	41	36	45	9	9	756	36	28	58	10	4	755
How hard did you try on the reading part of this test?																						
A. I tried harder on this test than I do on my regular schoolwork.	52	3	21	5	36	4	29	2	14	745	52	21	36	29	14	745	44	18	56	18	8	750
B. I tried about the same as I do on my regular schoolwork.	44	4	33	5	42	2	17	1	8	753	44	33	42	17	8	753	51	19	56	17	7	751
C. I did not try as hard on this test as I do on my regular schoolwork.	4	0	0	0	0	0	0	1	100	704	4	0	0	0	100	704	5	9	46	26	19	743
How much time do you spend reading at home each day?																						
A. more than one hour	15	2	50	2	50	0	0	0	0	763	15	50	50	0	0	763	17	25	57	13	6	753
B. 20 minutes to an hour	52	5	36	5	36	4	29	0	0	753	52	36	36	29	0	753	45	22	56	16	6	752
C. less than 20 minutes	11	0	0	2	67	1	33	0	0	748	11	0	67	33	0	748	13	14	56	21	9	748
D. I rarely read at home.	22	0	0	1	17	1	17	4	67	724	22	0	17	17	67	724	24	8	53	26	13	745
Optional school/SAU question																						
A.	0										0											
B.	0										0											
C.	0										0											
D.	0										0											

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

N = Number

MATHEMATICS RESULTS

Test Date:	March 2008
Grade:	7
SAU:	Chelsea School Department
School:	Chelsea Elementary School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates in-depth understanding of essential concepts in mathematics, including the ability to make multiple connections among central ideas. The student’s responses demonstrate the ability to synthesize information; analyze and solve difficult problems, including developing and implementing strategies, efficiently and accurately performing procedures, and recording and justifying solutions; and explain complex concepts. (scaled score 761–780)	2005-2006	1	4	1	3	1646	11
	2006-2007	1	3	1	3	2142	14
	2007-2008	2	7	2	7	2028	14
	Cum. Total*	4	5	4	4	5816	13
Meets the Standards – The student’s work demonstrates a general understanding of essential concepts in mathematics, including the ability to make connections among central ideas. The student’s responses demonstrate the ability to analyze and solve problems including developing and implementing strategies, to perform procedures, and to record and explain solutions and concepts. The student’s work may contain minor errors. (scaled score 741–760)	2005-2006	10	38	10	34	5497	36
	2006-2007	11	32	11	32	5642	38
	2007-2008	9	33	9	33	5703	39
	Cum. Total*	30	34	30	33	16842	38
Partially Meets the Standards – The student’s work demonstrates incomplete understanding of essential concepts in mathematics and inconsistent connections among central ideas. The student’s responses demonstrate some ability to analyze and solve problems, and explain concepts. Problem solving strategies may be flawed, procedures performed inaccurately, methods not recorded and/or problems not completed. (scaled score 727–740)	2005-2006	7	27	8	28	4514	29
	2006-2007	9	26	9	26	4077	27
	2007-2008	6	22	6	22	3733	26
	Cum. Total*	22	25	23	26	12324	27
Does Not Meet the Standards – The student’s work demonstrates limited understanding of essential concepts in mathematics and infrequent or inaccurate connections among central ideas. The student’s responses demonstrate minimal ability to solve problems and explain concepts. Problem solving strategies and procedures are often flawed or inappropriate and there may be many omissions. (scaled score 700–726)	2005-2006	8	31	10	34	3797	25
	2006-2007	13	38	13	38	3001	20
	2007-2008	10	37	10	37	3054	21
	Cum. Total*	31	36	33	37	9852	22

Learning Results Content Standard Clusters	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Cluster 1: Numbers and Operations	16	29	8.0	50.0	8.0	50.0	8.8	55.0
Cluster 2: Shape and Size	14	25	4.2	30.0	4.2	30.0	5.5	39.3
Cluster 3: Mathematical Decision Making	8	14	3.0	37.5	3.0	37.5	3.5	43.8
Cluster 4: Patterns	18	32	6.7	37.2	6.7	37.2	7.9	43.9

Cluster 1: Numbers and Operations
 A. Numbers and Number Sense
 B. Computation
 I. Discrete Mathematics (grades 3 and 4 only)

Cluster 2: Shape and Size
 E. Geometry
 F. Measurement

Cluster 3: Mathematical Decision Making
 C. Data Analysis and Statistics
 D. Probability

Cluster 4: Patterns
 G. Patterns, Relations, and Functions
 H. Algebra Concepts
 K. Mathematical Communication

Each content standard in the clusters above is defined in Maine’s 1997 *Learning Results*, which are the basis for Grade Level Expectations. Each item on the MEA measures a grade level expectation, which can be found at <http://www.maine.gov/education/lsalt/gles.htm>.

MATHEMATICS RESULTS

(CONTINUED)

Test Date: March 2008
Grade: 7
SAU: Chelsea School Department
School: Chelsea Elementary School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	27	2	7	9	33	6	22	10	37	736	27	7	33	22	37	736	14518	14	39	26	21	743
Ethnicity																						
African American/Black	0										0						372	5	24	25	45	731
American Indian or Native Alaskan	0										0						110	5	30	36	29	736
Asian or Pacific Islander	0										0						216	25	34	23	18	748
Hispanic	0										0						175	9	32	30	29	737
Caucasian/White	27	2	7	9	33	6	22	10	37	736	27	7	33	22	37	736	13645	14	40	26	20	743
Not Reported	0										0						0					
Identified disability																						
Yes	6	0	0	0	0	1	17	5	83	720	6	0	0	17	83	720	2321	2	16	26	55	727
No	21	2	10	9	43	5	24	5	24	741	21	10	43	24	24	741	12197	16	44	26	15	746
Current LEP																						
Yes	0										0						356	7	23	24	45	731
No	27	2	7	9	33	6	22	10	37	736	27	7	33	22	37	736	14162	14	40	26	20	743
Economically disadvantaged																						
Yes	10	0	0	2	20	1	10	7	70	726	10	0	20	10	70	726	5301	5	31	31	33	736
No	17	2	12	7	41	5	29	3	18	742	17	12	41	29	18	742	9217	19	44	23	14	747
Migrant																						
Yes	0										0						1					
No	27	2	7	9	33	6	22	10	37	736	27	7	33	22	37	736	14517	14	39	26	21	743
Gender																						
Female	13	0	0	6	46	3	23	4	31	737	13	0	46	23	31	737	7086	14	40	26	20	743
Male	14	2	14	3	21	3	21	6	43	736	14	14	21	21	43	736	7432	14	38	25	22	743
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	6	0	0	1	17	2	33	3	50	728	6	0	17	33	50	728	946	4	23	36	37	733
No	21	2	10	8	38	4	19	7	33	739	21	10	38	19	33	739	13572	15	40	25	20	743
Gifted/talented program																						
Yes	0										0						575	64	31	3	1	765
No	27	2	7	9	33	6	22	10	37	736	27	7	33	22	37	736	13943	12	40	27	22	742

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

MATHEMATICS RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2008
 Grade: 7
 SAU: Chelsea School Department
 School: Chelsea Elementary School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
How much homework do you do on school nights?																						
A. none	7	0	0	0	0	0	0	2	100	722	7	0	0	0	100	722	6	7	29	26	37	734
B. less than one hour	37	0	0	3	30	4	40	3	30	735	37	0	30	40	30	735	50	13	39	26	22	742
C. one to two hours	48	1	8	5	38	2	15	5	38	736	48	8	38	15	38	736	40	15	42	26	17	744
D. more than two hours	7	1	50	1	50	0	0	0	0	760	7	50	50	0	0	760	4	16	37	23	24	742
How well do the questions that you have just been given on this MEA test match what you have learned in school about mathematics?																						
A. The questions on the test match what I have learned in mathematics class.	19	0	0	0	0	3	60	2	40	730	19	0	0	60	40	730	32	21	40	23	16	747
B. They match some of what I have learned.	63	2	12	9	53	2	12	4	24	744	63	12	53	12	24	744	50	12	42	27	19	743
C. They match just a little of what I have learned.	15	0	0	0	0	1	25	3	75	718	15	0	0	25	75	718	15	7	32	31	30	737
D. There is no match.	4	0	0	0	0	0	0	1	100	722	4	0	0	0	100	722	3	4	17	21	58	726
Which of the following best describes how you rate yourself as a student in mathematics?																						
A. very good	22	1	17	4	67	0	0	1	17	748	22	17	67	0	17	748	25	34	42	13	11	753
B. good	52	1	7	5	36	4	29	4	29	738	52	7	36	29	29	738	47	10	45	27	18	743
C. fair	15	0	0	0	0	1	25	3	75	724	15	0	0	25	75	724	23	3	30	36	32	735
D. poor	11	0	0	0	0	1	33	2	67	723	11	0	0	33	67	723	5	1	17	32	49	729
How difficult was the mathematics part of this test?																						
A. harder than my regular schoolwork	41	1	9	3	27	1	9	6	55	731	41	9	27	9	55	731	36	6	38	29	27	738
B. about the same as my regular schoolwork	59	1	6	6	38	5	31	4	25	740	59	6	38	31	25	740	53	13	42	27	18	744
C. easier than my regular schoolwork	0										0						11	40	32	15	13	753
How hard did you try on the mathematics part of this test?																						
A. I tried harder on this test than I do on my regular schoolwork.	46	0	0	2	17	3	25	7	58	727	46	0	17	25	58	727	46	12	40	27	21	742
B. I tried about the same as I do on my regular schoolwork.	50	2	15	7	54	3	23	1	8	749	50	15	54	23	8	749	49	16	40	25	19	744
C. I did not try as hard on this test as I do on my regular schoolwork.	4	0	0	0	0	0	0	1	100	722	4	0	0	0	100	722	5	10	27	27	36	736
How often do you use laptops in mathematics class?																						
A. almost every day	0										0						9	15	37	25	23	742
B. two or three days a week	7	0	0	0	0	0	0	2	100	721	7	0	0	0	100	721	20	13	41	26	20	743
C. two or three times each month	7	0	0	1	50	1	50	0	0	743	7	0	50	50	0	743	30	15	40	27	18	744
D. never or almost never	85	2	9	8	35	5	22	8	35	737	85	9	35	22	35	737	41	13	39	26	23	742
How often do you use calculators in mathematics class?																						
A. almost every day	0										0						20	17	39	23	22	744
B. two or three days a week	11	0	0	1	33	0	0	2	67	731	11	0	33	0	67	731	29	16	40	25	19	744
C. two or three times a month	41	1	9	4	36	3	27	3	27	737	41	9	36	27	27	737	26	13	40	28	20	743
D. never or almost never	48	1	8	4	31	3	23	5	38	737	48	8	31	23	38	737	24	10	39	27	24	740
On average, how many minutes a day do you spend working on mathematics in class?																						
A. less than 30 minutes	11	0	0	0	0	0	0	3	100	720	11	0	0	0	100	720	8	7	32	26	35	736
B. 30–45 minutes	48	1	8	6	46	3	23	3	23	741	48	8	46	23	23	741	41	12	38	27	23	741
C. 45–60 minutes	37	1	10	3	30	3	30	3	30	738	37	10	30	30	30	738	41	17	42	24	16	745
D. more than 60 minutes	4	0	0	0	0	0	0	1	100	712	4	0	0	0	100	712	10	15	38	25	22	743
Optional school/SAU question																						
A.	0										0											
B.	0										0											
C.	0										0											
D.	0										0											